

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [332] 30m cheap vertical
Message-ID: <Pine.SUN.3.91.960923073748.14383A-100000@kitsune.swcp.com>

I'll try to describe how to build this antenna the best I can. If my description makes no sense, I will mail it to you. Parts: 1-10' length of 1/2 in copper tubing(if you have no aluminum on hand).12' of #14 tw wire.Last, you need something to use as a insulator to go between the two sections of pipe. Build as follows. Cut the 10' length of pipe or aluminum in half. Place a insulator between the two sections and leave a gap of two inches.A coil of 12.5uh is needed for loading this short vert. to resonance.I used a scrap piece of 2" pvc about 3" long and wound 15.5 turns of #14 2" long. Solder one end of the coil to one section of pipe and the other end of the coil to the other pipe. This completes the ant.As far a matching goes, you can use either a shunt cap. or a coil. I prefer the coil method. A inductance of 1uh is needed for matching the

feed pt. impedance of about 10 ohms.I used 11 turns of #12 3/4 in dia. and 1.5" long. This goes from the bottom of the vert. and your ground or preferably your radial system.Using the shunt coil adds a loading effect and will resonate the ant. too low so you have to compensate by removing a turn or so from the center coil or removing a little pipe from the top.If you choose to use a shunt capacitor for the matching, use a 620pf cap. This should get you in the ballpark.I've tried to come up with a simple and cheap antenna and many variations of the above are possible. Just use your junk box and you imagination and have fun.You can substitute wire for the copper and will make it even cheaper and portable. Make the top section an adjustable whip and you have a great mobile antenna.This antenna can be used mobile with just a little work on the base of the vert. and will supply that info if anyone is interested. Like I said, If my description of this is a little hard to figure out I would be happy to mail it with drawings. Just a final note. The section of pipe or wire above the coil has the most affect on resonance in a short vert. Make it longer to go lower in freq. and shorter to go higher in freq.All the parts can be had at your local hardware store for 4\$.This ant worked fine at my qth on the roof with 4 - 1/4 radials. Tom WB5QYT
qrp 1 # 640

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [363] 49-er
Message-ID: <M1068197.002.78d61.1.960923185106Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

John:

I too have built the 49-er, and had a problem I've not seen others mention. When my board was etched, there was some kind of problem and there were two gaps in the copper pattern. I found them when I held the board up to a strong light and compared it to the drawing of the copper pattern in the instructions.

Give this a try. If you find a gap, just solder a short wire jumper across it, and it will be fine.

73, Bob N6WG

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Dave.Ackrill@westwood45.powergen.co.uk
Subject: [322] Allsorts
Message-ID: <960923083501Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/
ADMD=CWMAIL/C=GB/@MHS>

No, this isn't going to be about Bertie Bassett ! (Apologies to those who have never seen the advert for Liquorice Allsorts sweets that we used to get over here) I couldn't fit a suitable subject line in so it's here instead:-

QRP Afield, 40-9er redesign, Europe for QRP weekend and general operating.

I missed the QRP Afield again, I'm sorry to say. Pity, as there is a field just up the path from me that would probably be a good site. Maybe next time HI! Anyone know the date of the next one please? If I go and throw some crockery about up there can I claim to have seen flying saucers and operate from there in April?

I'm thinking of redesigning the 40-9er as a 30-9er, I guess that the output filter would be easy to modify, as George (G3RJV) has published details of filters for various bands on a number of occasions. The only other change that seems likely is the input filter. Anyone done this already? Save me trying to do the calculations HI! I'm assuming those will be the only areas needing alteration. Unless, of course, you know different. (That's an British Joke for those who used to watch a programme on TV called "That's Life")

Next weekend is the Europe for QRP Weekend. Rules were in SPRAT, but I'll try and copy them to anyone who wants them. Basically it starts at 1600z on Friday 27th September 1996 and ends at 2359 on Sunday 29th September 1996. Ideal for Franks Weekender League !

Although I missed the Afield event, I did manage to work OD5/TF1MM on 17M using 3 Watts and the W3EDP on Sunday. For me that's good as I've only ever worked the Lebanon once before, and that was whilst running QRO. Anyone else work him using low power I wonder?

Anyway - Hope that's enough QRP related news and questions.

Cheers - Dave (G0DJA)

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Claudio Watanabe <watanabe@matrix.com.br>
Subject: [381] Another Norcal 40A on the air! Now in Brasil, South America
Message-ID: <1.5.4.32.19960924035916.00669954@matrix.com.br>

I just finished alignment of my brand new Norcal 40A. It took me about 8 hours to complete it and two hours for full alignment. The first QSO was not mine because I still do not have HF privileges, but stand-by because this Friday I will be doing the exam.

The first QSO was from PU5BRV and PY2RNO. QRB was 1000km. RST 599. Using a dipole with 75ohm coax tuned for 7140. =20

As soon as I have my new class permit I will post to the list and you can try to hear my weak signal from IOTA SA 26 /QRP. This rig is really fantastic and really easy to build. I have two friends that want to buy one also.

73s,

Cl=E1udio Watanabe ZZ5CLW
watanabe@matrix.com.br
claudio@grucad.ufsc.br
<http://www.grucad.ufsc.br/~claudio/>

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [374] antenna tuners from Dan's
Message-ID: <1.5.4.32.19960924020837.0067b6b8@postoffice.worldnet.att.net>

Has anyone built or seen any of the antenna tuner kits available from Dan's Small Parts internet catalog?

He's offering a tuner designed by Roy Gregson, W6EMT (designer of the excellent NW8020-series of QRP rigs) that appeared in the Winter 1995

Hambrew magazine, a toroid-based tuner from the October 1995 73 mag by Mark Meyer, and a "deluxe" tuner complete with case & knobs.

The catalog is at <http://www.fix.net/dans.html>

73,
mike KD0FX
Richland WA QRP-L #576

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Brian Kassel <bkassel@enet.net>
Subject: [354] AZ QRP TTF
Message-ID: <3246F04E.3BE4@enet.net>

Howdy all:

Had a great time here set up in my back yard with my new portable dipole made from two chalk line spools, and hung via my trusty slingshot in my largest Cottonwood tree at about 20 feet. I used my QRP +, my large 7 AH Sealed Lead acid battery, my DSP-59+ filter, and one of my 2 trusty \$ 15 MFJ 496 CW keyboards.

I spent most of my time on 20M, but did a little 40M at the end. In 6 hours I wound up with 60 QSO's and 29 multipliers, and a tremendous buzz from having just a really great time.

The highpoint for me was when FM5CW came back to my 20M CQ with a new multiplier at 5W from Martinique. On my very next CQ none other than Dave Ingram, K4TWJ came back, also on QRP! I had a very nice short chat with Dave, as I have been reading his various books and articles for many, many years.

Man, it just don't get any better than that... Thanks to all who worked so hard to make this event so pleasurable for all the rest of us.

--

* Brian D. Kassel W5VBO ---- Ham Radio - QRP *
* AZ ScQRPion #17 QRP-L #404 ARCI #3623 *

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: KFGlynn@aol.com
Subject: [341] Bob AE4IC and Joe N2CX comments on W3EDP Antenna
Message-ID: <960923120012_108635685@emout02.mail.aol.com>

Joe and Bob,

I used that antenna on Sept 6 and 7 in the Jersey Shore, town of Avon. I spent the weekend at this B & B a block from the shore on the third floor. No high trees so I placed the 85' wire around the room best I can, in almost looping fashion. Used 85' 22 ga wire with 17' 14 ga wire as counterpoise. 22 ga spool had 90' on it...

I finally tuned 30M around 6 pm EDT and worked F6CNI near Paris 2 stations in OH, VA, IN, Niagra Falls nr. Canada, NY and MI. The CW Sprint was that night, had no filter, so I didn't work the contest. Getting creamed by QRM.

Had fun. Seemed to work anybody I heard on 30 and 40.

73 Kevin KB2TE0

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: TimMcFadden <101346.3062@CompuServe.COM>
Subject: [325] Braided Ant wire?
Message-ID: <960923123145_101346.3062_GHW121-1@CompuServe.COM>

Gang,,

Time to dip into the "Well of Knowledge" again. I am getting ready (finally) to set up my QRP station. I will be using a MFJ 9020 / 9040 with MFJ ant tuner. I have a Military type Di-Pole that uses a braided antenna wire with a plastic coating. It worked well in Special Forces with 75 watts output. My question is: How well will this work with QRP?? Or should I just trash it and purchase "real" ant wire?

Many tnx in advance.

72/73

Tim DA2TF / KB2RLB "De Oppresso Liber"

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>

Subject: [362] Fall QTTF

Message-ID: <M1068199.004.78d63.1.960923185108Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Couldn't get away for a field operation this time, so operated from my home station. Used my Kenwood TS-180 at 5 watts, and a full size diamond loop with vertical polarity on a 50 ft TV mast. Used my Field Day battery for power.

Really bum conditions, compared to April QTTF. Managed to pull out 24 QSOs, with 9 states. Got all the western states except UT for some reason. Did hear two different UT stations though. Anyway, I finished with 24 contacts and 9 SPC multipliers for 216 points. Nothing to write home about.

Noise level wasn't bad, but even the best signals were weak. The weakest signals were just modulating the noise in my headset, but we worked enough for contest exchanges. I hope this isn't an indication of conditions for the upcoming fox hunts.

For once I'm glad I worked from home, as it was much easier to raid the refrigerator, etc.

Anyway, I enjoyed myself. I see from other posts that others did too.
72 to all, and to all a good night.

Bob N6WG

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996

From: rxd7@hunny.INS.CWRU.Edu

Subject: [347] Farr Circuits

Message-ID: <199609231802.0AA04803@hunny.INS.CWRU.Edu>

Hi Gang,

Would one of you please give me the homepage address for Farr Circuits ?
In recalling the various posts, I remember one of the members mentioning the page.

72, Dick, WD8ISB

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996

From: Dan Keen <70731.722@CompuServe.COM>

Subject: [376] gel cell

Message-ID: <960924021756_70731.722_EHM51-1@CompuServe.COM>

> Sorry, I know there have been a few "best ways" to charge a gel cell
> lately, but I did not need help at that time. Now I have a brand new
> 12v. 6Ah. bat. and need some help on charging rates I would like the
> battery to last as long as possible.
>
> Thanks rich wd6fdd

A & A engineering in Anaheim California is a mailorder outfit that sells a 70 dollar smart charger kit based on a very popular QST article. Charges at 1/2 or or at 1 amp. 1/2Amp is just about perfect for a 6AH battery. "Jade" has a WWW page with a more expensive charger. The A & A I built works great.

Dan
70731.722@compuserve.com

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Luke Enriquez <ecsclfe@lux.latrobe.edu.au>
Subject: [321] Getting Good RF Connections on Aluminium
Message-ID: <9609230723.AA04046@lux.latrobe.edu.au>

Howdy,

For the last few months I've been using a 5-Band vertical trapped antenna. This antenna breaks up into several sections, each section sliding into or over the next. Between each section I have been using a grease called "Alminox". It is supposed to be a RF conductive grease for all Aluminium connections. It measured open on my multi-meter. Can someone explain hwhy this stuff acts like a short circuit at RF. Will it work at QRP power levels?

Second Question : I'll be putting up a 80m inverted V, and I would like to mount the vertical in a better position. I do not have the ability to bury or lay ground radials for the vertical. However, I have a garage with a semi-sloping roof, made from galvanized iron. It is quite long (about 10 meters) and about 4 meters wide. Another garage roof is next to it, and has the same dimensions.

The only problem with mounting the vertical on the roof would be the difficulty to mount it in the center. Then again, the roof may not be a large enough ground plane for the antenna (although I've heard of people using rotary cloathes lines for a ground plane). What are peoples thoughts on this one?

Regards,

Luke

--

Luke Enriquez VK3DLE "I only cook with Non-violent
3rd Year Electronic Engineering fruit that pulps itself."
Latrobe University, Victoria, Australia.
ecsclfe@lux.latrobe.edu.au

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From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: David.Reid@asml.nl (David Reid)
Subject: [324] How do you send an @ in CW?
Message-ID: <199609231131.NAA02011@wspub002.asml.nl>

Hi guys.... with email now very prevalent every where I was trying to work out how to send the @ symbol in CW - is there a code for it... or do I have to resort to sending 'AT'.

Been playing with the idea that we might be able to add a new code to the existing code - a special one for an @ symbol... I know this might be quite a difficult thing to get acknowledged world-wide - but it is a world problem which could do with a solution... any thoughts on the matter...

72/73 de Dave PA/G0BZF
GQRP 3677
RSGB 15 years

www <http://ourworld.compuserve.com/homepages/drcp/homepage.htm>
email David.Reid@asml.nl
Cserve 101454,3715

(at least it's radio related!!)

QRPers do it way down low in the noise.

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: lbbarley@feist.com (Bruce Barley)
Subject: [349] Impedance Bubbles - Final
Message-ID: <199609231809.NAA18610@wichita.fn.net>

Hello, all.

Having heard in VERY short order from Bob, Ken, Clayton, Floyd, Bruce, and

Lars, I've come to the conclusion that especially for what I'm doing with small enclosures, {Altoids, and the like...} that the whole issue of impedance bubbles, loss of efficiency and the like is merely another minor nitnoy.

If RCA connectors for RF (HF) output was good enough for the likes of Collins, well, then... Who am I to cast doubt and dispersion? Heck, I even saw that Ron's Small Parts is having a sale on RCA connectors this month! {Standard Disclaimer}

Thanks guys, for your time and your thoughts. See you on 7040.

Bruce Barley KB0PZD ex:WD0HRQ
lbbarley@feist.com qrp-1 #69

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Kelly Ellison" <kelman@dialnet.net>
Subject: [344] MFJ-9040 For Sale!
Message-ID: <199609231627.LAA01068@shell.dialnet.net>

For Sale:

MFJ-9040 CW QRP rig. Manual, DC cord & box.

\$100.00 Shipped COD UPS.

Kelly Ellison - WB0WQS
kelman@dialnet.net

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Bob Edwards <rbe@atlanta.com>
Subject: [367] NE QRP AFIELD
Message-ID: <32474B23.7987@atlanta.com>

Isn't cable radar WX wonderful ?? ;(

On the TV radar scope, there was this elongated green amoeba like creature with a bright orange tummy slowly marching its way across Georgia. It didn't seem to mind that a few Georgia QRP'ers wanted to be afield, wires high in the air, sending and capturing weak natured signals. And so it went.

I was able to operate from the backyard until the static crashes overpowered the QRP signals. Started on 20 meters, waited out the storm inside, then operated the last few hours on 40 meters.

Used my backpack Off Center Feed Dipole Vertical, NN1G mod for 20/40 at one watt, 8 AAs, homebrew keyer circuit, homebrew single paddle key. This is my ARS rig and it goes together quickly.

Heard & almost contacted NN1G & K5F0, and I really tried, but no go. Think the vertical works better up in the North Georgia mountains, than in my backyard. Storm may have had something to do with it.

Did contact; NA5N, AE0QY/7, NI0A, W1NRG on 20 meters. Then; NN9K, AE4IC, WA4DOU, K4JM, AC5AM, W1NRG, K3WWP, KJ5MG, NS80, K8DSS, AE4JA, and KA5DGS on 40 meters. 16 contacts in 12 states. Had a great lake-side location scouted ahead of time, but WX just wasn't good enough to go there.

Thanks to all for a good time & I'm hoping for better weather in the spring QRP field day.

73/72

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+-----+
| Bob, AE4CA, WAS-5W | ..... "QRP", more from less....
+-----+
ARCI-8760, MIQRP-1410, COQRP-118, QRPL-606, ARS-145, NorCAL
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From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: jim hale <kj5tf@mctc.com>
Subject: [335] NE QRP results
Message-ID: <3246BFFE.2429@mctc.com>

The WX was perfect, blue sky, breeze, a wonderful fall day. Fall colors getting started here in the Ozarks. A buck deer even ran across my field as I made QSO's for extra added scenery. My field is elev 2200' I'm 2 miles from the Ozark National Forest and almost as near the Buffalo National River.

My working conditions were; Green Mountain 20 transceiver 2 watts, my Walking stick vertical, 5AH btry charged by the Sun, & my 2M HT.

At a set time I made 2M contact with W0LK a fellow member of ARQRP club. We had a short chat and I also chatted with other folk who thought the QRP AFIELD test sounded like something they wanted to do too!

Thanks to all those who could copy me! W1XH, W1NRG, AE4IC, W5VBO, W7CNL, W6HAL, KU7Y, WA7FCU, AA1IK, N1SNB, K4MF, N6GA, W9UQB, KW3U, AA5EA, WJ7H, N2CQ, NN1G !! , WB4ZKA, K4GEL, and KD4KLE.

At 22:05 I went down to 14.026MHz and OH5NQ was calling CQ with no takers! I called several times but heard "KJ5?? try later". Still no takers, so I tried again. This time I heard my call and we exchanged info. But I didn't get his power so didn't count that QSO for the test.

But I'll never forget the QSO with NN1G the "father" of my GM-20, and the DX contact with Finland I had from my portable station in my field! Thank you NE QRP ! 72/3'z de Jim

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: wa5whn@juno.com (Jay D Miller)
Subject: [326] New Enclosure for next April (NorCal QRPTTF)
Message-ID: <19960923.071242.4567.2.wa5whn@juno.com>

Dear Fellow QRP Compadres,

While perusing the local Wal-Mart, with My Lovely Bride (WB5LYJ) & #2 Son (KB50MD), walking through the model kit section; what did my eyes see ? An honest to goodness flying saucer kit, using my handy (All Nerds have one.) dandy wristwatch calculator, and yes, they have the room for a QRP kit, inside of this flying saucer model. All of the controls would either have to come out of the bottom of the model kit, or remote them, and make them look like a part of the model. Well, I have found my gimic, ah er, artifact, for the 4th Saturday, in April, '97. If You are interested in the "NorCal QRP To The Field Event", next April, send a SASE to the callbook address of WU7F, after the first of the year. Hey, if an Altoids box can house a 40 meter DC xcvr, no telling what You can get into a Model Saucer Kit. This issue (Sept., '96) of "QRPP" has WA6AHL's EverReady Xcvr (In a 9VDC battery case), so I have pico acres in this Saucer kit. ;) By the way, we will be @ Corona, New Mexico (Read Stanton Freidman's Book; "Crash at Corona") April, '97. #1 priority, "Have Fun". Don't forget, there are other Field Events planned (AA7QU, Russ & the Adventure Group, plus the Az. scQRPions, and don't forget the Field Events, across the Pond-Atlantic (SPRAT).)

72...Jay, WA5WHN

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Brian Carling" <bry@mail1.mnsinc.com>
Subject: [364] QRP & tubes
Message-ID: <199609232256.SAA09481@user2.mnsinc.com>

Is anyone else using TUBES to generate their QRP signals???
Bry, AF4K

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [320] QRP Afield
Message-ID: <199609230413.VAA24011@dancris.com>

I am SICK and Tired of reading the QRP Afield reports!. Really. Jealous, that is, as I didn't get to spend even a minute in the test. A VE session in the a.m. which ran longer than expected, and other unavoidable duties the rest of the day did me in. By the time I got settled down, the test was over.

Glad to hear all of you had a good time, and hope to catch you in the ARCI test. Sounds like the bands were good in most places.
73,

Bob, ki7mn@dancris.com
NorCal #1228, ARCI #8918, Qrp-1 #271, CQC 274

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: OJWA1YIA@aol.com
Subject: [337] QRP Afield
Message-ID: <960923111224_291197379@emout03.mail.aol.com>

Howdy from Texas!

I am new to 'Qrp-1' (about 3-4 weeks) and have not posted anything to the list but could not resist sharing some results and thoughts concerning QRP Afield. Qrp is new to me but with a lot of coaching from my Qrp Elmer (K5ZTY) and a competitive nature, I have found the contesting to be very addictive. I have participated in the last three contests and have improved with each one. For this contest three teams were invited to the 'ranch' of gentleman farmer Mike (KB5YVT) near Anderson, Tx. Fellow tester and friend Bill (WA5DWX) and I drove from Houston north about 75 miles and arrived about 9:30. The G5RV was up at 65 ft. or so in no time. The transceiver, logging computer and keyer with hopefully enough battery power

to last 6 hrs was also on line quickly. Fifteen minutes till kick off and we are ready. Gee that was too easy....where's Murphy? Ready-Set-GO ! First Q was AA7QY, nice signal ! 20m is in very good shape. We ran 20m all day except for the last 45 min or so when we went to 40m looking for some new 'mults'. We worked several familiar calls from the Qrp-1 ,AA7QY,WL7WO,K5FO,AA1IK,N6GA,NN1G etc. We had Q's from Fl to Nh and Vt on the east and Ca to Wa on the west. Also worked Ontario and Manatoba to the north. Final result was 74 Qs, 32 Mults and more fun than i can score!

Many thanks to NE-QRP and all the QRPers in the contest. Perfect wx, beautiful location, and good friends ... it just doesn't get any better than this.

73 de OJ wa1yia
e-mail ojwa1yia@aol.com

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Bensondj@aol.com
Subject: [331] QRP Afield /VT
Message-ID: <960923095020_291152249@emout08.mail.aol.com>

Hi gang-

This year's QRP Afield operation was from the Green Mountain National Forest near Bennington, VT. I took my daughter along and we made an overnight campout of it. We found a great spot in an old meadow, and operating time was punctuated by breaks to gather apples from nearby trees. (There's an old piece of folk wisdom about bees and downed fruit which I had to relearn!)

I fear there's a tradition at work already- I worked 19 stations, same as last year's total. Most of those were on 20M, with good conditions to the western states. The antenna was a length of wire tossed over the nearest small tree, and some ground radials. Every time we tripped over the radials (which was often) I had to retune. I left my keyer cable at home and had to take covers off the equipment and use clipleads. Also discovered my watch among the missing- "plan B" involved a lot of trips to the car for time checks!

The weather Saturday was clear and breezy- just great. We woke up Sunday morning to 45 degrees and foggy. We piled the wet gear in the trunk and headed to civilization for hot coffee (yeah, forgot that too!) and home. Ya gotta' love it!

72, Dave- NN1G
NE #6

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Ahrens Tim" <tahrens@devmail.sps.mot.com>
Subject: [350] QRP Afield --> FUN!
Message-ID: <9608238435.AA843511946@devmail.sps.mot.com>

Hi folks - really had a good time here! Pretty nice weather, not too many buggies, & so-so band conditions. It was probably the dipole at 15 feet that contributed to the lack of signals!!

The Sierra did a good job, & snagged 19 Qs, with 15 mults in about 4 hours on 40 & 20. Took a peek on 15 with the Argosy (no module for the Sierra), but only heard 1 signal. 40 started to heat up about the time I quit. Worked a bunch of stations from places I've never worked.. in 29 years!

Also worked K5F0... seems the last CW qso I had with Chuck was about 25 years ago... doing comm work on an Aggie bonfire! (another story later).

It was also neat to see how our qrp signals sound to one another, since we were all basically running the same kind of gear, etc... except for AC5AM.. he had to be running a 3 element beam.. 950mw! really booming here in Austin!

Thanks again guys - a great time.

p.s. Nobody has mentioned the wind yet...except the wind from mosquitoes wings!!!

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [333] QRP Afield and the Culicidae (long)
Message-ID: <960923103420.2020b1de@carib.vf.mmc.com>

Gang,

NM has wind, CA has sun, the Cascades have snow and New Jersey has mosquitoes - aren't they the state bird?

Those of us NJ-QRP'ers who operated on Sandy Hook can attest their abundance. The location was excellent, a grassy area with trees in the Fort Hancock section, nice temperature, some sun, ample trees and loads of winged bandits.

Tony, W2GUM and Vince WA2ECP arranged the location and arrived early to guide us in on 146.52. They quickly set up a 20 meter station with a simple dipole and proceeded to enjoy themselves.

I came loaded for bear. I had made sure to gather everything together on Friday night so all that was needed on Saturday was to load up the car and go. On site, I unloaded my equipment, antennas and three PVC masts only to find that the couplers needed to assemble the masts were still sitting on my front porch, a two hour drive away. Time for Plan B.

Fortunately there were plenty of trees for the antennas, but naturally they were all spaced wrong. An hour of hurling things in trees to attach the antenna wires and some pruning with my hand-dandy Autek RF-1 gave me a 20 meter half-loop. (I used a pink plastic kite-lite reel as a weight which drew the attention of some bird-watchers. After 15 minutes of watching, one meekly came over and asked what I was doing. When I told her, she walked away shaking her head mumbling something like "and they think *I'm nuts!")

The perspiration generated by my exertions were an absolute olefactory beacon to the little flying vampires (did I mention the mosquitoes?). My wife had some heavy duty repellant that seemed to work for about 10 minutes then the troops with tiny little gas masks took over.

Mean while David, N2SMH had arrived and patiently set up his walking stick vertical/Flamethrower 20-40 fan dipole and was cranking way on 40 meters.

Finally, I got things working only to find loose connectors in my Argo 509 and a dead battery in the MFJ audio filter. My fist was shaky and intermittent swatting mosquitoes and scratching as I worked my first station in the event K5F0. It wasn't the speed merchant Chuck, however, I could copy this operator!

A couple of other 20 meter contacts ensued during troubleshooting and liberal applications of DEET. I *almost* worked NA5N. After his CQ, I answered and got a QRZ. A repeat of my callsign got thru and he sent it back to me. Then after my part of the exchange he returned with a QSL and started CQ'ing without sending his info! I guess I was too weak.

40 turned out better. An inverted vee Gusher-II up about 20 feet did well to a number of stations including Kevin, KB2TE0 in NYC who sounded like he was on-site. My wife reported that the NYC skyline was Q-5 S-9 across the bay. When the bugs started biting thru the canvas camp stool (you can guess *where*), Dean, N2TNN took over and had a ball. He asked if the keyer was I ambic A or B and I replied neither, so he had to rough it! :-)

We had several visitors at our location, in addition to the bird watchers and wanderers looking for an Irish celebration - gee folks just follow the music! Elmar KB2VTN got a chance to operate Tony's rig and was impressed by how well

QRP works. His friend Vince (callsign?) seemed to just take it all in. Also visiting was Dave, N2ZHY, a relative new ham who enjoyed our company.

Doug, KA2UPW showed up to meet with us and show pictures of his QRP Oscar setup at the NEQRP meeting earlier in the year held at ARRL HQ.

As WA2ECP and Tony left in early afternoon, James KA5DVS and his wife Kathy showed up and took over Tony's location. James came in shorts and his legs were quickly targetted for bloodletting. He simply threw a wire in the nearest tree and went to work.

In mid-afternoon we were subjected to a fly-by of another mosquito of the Anglo-French persuasion. the Concorde. Apaprently it was in the pattern for JFK airport. Now there's one mosquito that *can* pick you up and carry you away!

David switched over to 20 SSB and managed to work a number of stations with his Cascade, including the west coast and from Portaugal!

We probably could have had more contacts but I suppose we're not a hot and heavy contest group. It was a good day to get out and enjoy the weather (did I mention the mosquitoes?) and each other's company. Thanks to NEQRP and AA1EX for giving us the opportunity.

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: facmsa@facilities.buffalo.edu (Adams, Mark S.)
Subject: [352] QRP Afield Results
Message-ID: <1996Sep23.144800.1483.18032@facilities.buffalo.edu>

Hi Gang,

I, like many of you, had a super time in the contest. I was located on a nice hill overlooking the family farm in Bethany, NY which is about 40 mi. east of Buffalo.

I set up near our hunting camp (OK, it IS just a tiny trailer), using two lawn chairs. One to sit on and the other with a board across its arms for a table. I had planned on setting up 3 antennas: the PVC Gusher II from N2CX in the 20/40 fan dipole configuration supported by a 20' PVC mast, a 20 M half square, and a 40M vertical.

But after setting up the Gusher, I tuned up 20 M and answered a CQ from a W7 running in the WA QSO party. He came right back to me. We had a nice chat and he was impressed with my audio and 4W power level. He gave me an honest 58 so I figured, what the heck, why not save the time of putting up the other antennas and use it to check my treestands and do woods maintenance for the upcoming turkey and deer seasons. So I was ready. A simple fan dipole and nothing more. This would be my first operation in 3 years without the luxury of a full wave loop antenna.

Finally the contest started. I found plenty stations on both 20 and 40 M. It was neat using coax and being able to switch bands with no tuner. I am used to ladder line and a tuner for all of my operating.

Between the family stopping by, and chores, I was able to get about 2.5 hours in front of the rig. I worked 32 Q's and 22 Mults. It was neat working N2CX, Joe, who had just sent me the Gusher Kit in the mail earlier that week! Also interesting was hearing N2CQ call CQ with no takers for a while. He was an S9 to me but he didn't here me call him for the first 9 tries or so. On the tenth he came back to me with a 599! How he didn't hear me is a mystery.

Near the end of the test I tried SSB and worked 2 special event stations and a fellow in OH who was tuning up his rig. They turned into ragchews as the other ops were interested in the QRP contest.

All in all, the contest was tons of fun. After a day in and out of the woods I was pretty beat. The 40 minute ride home was no problem because the adrenaline was still flowing. And when I got back home, the rush continued. I found in my mail a First Place - NY award for the QRP ARCI Hootowl Sprint. I just could not have had a better day.

My calendar is already marked for next year! Many thanks to the great folks who run the NE QRP Club. You guys really do a super job.

72 and see you in QRPTTF next spring,
Mark N2VPK

PS- My equipment included:
TenTec ARG0 556 with 40/20/15 Modules
Envirotronics Paddles
PVC Mast
PVC Gusher II 40/20 Fan dipole
Deep Cycle Marine Battery

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996

From: Bob Edwards <rbe@atlanta.com>
Subject: [372] QRP Afield/Afloat
Message-ID: <324764D8.5684@atlanta.com>

This is a multi-part message in MIME format.

-----1A9722F03859
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ken Freedman wrote:

>
>Good company, good sailing, lots of radio! What a weekend...
>

Life doesn't get much better, spoken from an inland sailor,

what a great (true) story !

(betcha Butch wished he was elsewhere, when close hauled up the channel)

-----1A9722F03859
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="FOOTER.TXT"

+-----+
| Bob, AE4CA, WAS-5W | "QRP", more from less....
+-----+
ARCI-8760, MIQRP-1410, COQRP-118, QRPL-606, ARS-145, NorCAL

-----1A9722F03859--

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Ken Freedman" <n1qqv@cshore.com>
Subject: [369] QRP Afield/Afloat (long)
Message-ID: <199609240026.UAA57355@nss2.CC.Lehigh.EDU>

I have been encouraged by a member of the list to publish this. What follows is a copy of my post to a friend describing our weekend trip, written while I could still feel the windburn on my face. Not only is it unpolished, but in fact a bit raw in places. If you are easily offended, hit the delete button now. Here is our weekend: N1QQV-N1QHU-WY1W

QRP-Afloat.

Hi Gary,

Sorry I couldn't copy you during the Phone Net. I could hear your voice, but not the words. TNX for giving it a try. It was nice to hear from you, albeit thru a relay. A report on the goings on follows, and I'll try not to make it too boring.

Friday afternoon Jack and I made the trip to Westerly to a marina on the Pawkatuck river. Had to assemble and inflate a small Zodiac boat with a 2 horse outboard to go out and fetch Jack's Catalina 27, My Turn, off her mooring and bring her to the dock. There followed about 3 hours of fetch and carry and small jobs to get the boat ready for sea and an antenna rigged from bow to masthead to stern, end fed with 450 ohm ladder line from the BAL output of the tuner. Checked into the Phone Net at 6PM with the QRP+. Dinner at a steakhouse, then worked Florida and New York with the QRP+. Early to bed with the boat still tied to the dock.

Saturday morning, the alarm went off at Oh-dark-thirty. Butch joined us with coffee and doughnuts at 05:45. Threw the lines as day began to break and headed down river using the Iron Genoa. Cleared the channel about an hour later and set sails and shut the Iron Jenny down. Took one long tack to a position between Montauk point and Block Island then tacked and ran downwind to the bell bouy at the entrance to New Harbor. Beautiful day, and a fair wind. We picked up a mooring in New Harbor at 11:30 after an excellent sail with all of us in high spirits.

Butch had brought along a \$26 cloth kite that he wanted to try. With a wind of about 10 knots, we flew it from the stern of the boat with 100' of string, then 130' of fine woven copper wire, then 300 ohm TV twinlead for a feed and about another 15' of string. The kite was amazingly stable. Just sat there, hour after hour while we operated and boats in the harbor kept coming by to see what-the-hell was going on! Butch and I swapped off alternately operating and eating and drinking. There was no shortage of food or beer aboard our vessel! At 6 PM we checked into the Phone Net and sent messages to our respective families using Butch's Scout at 50 watts. No problem! The Net folks were really great. We didn't try to figure out our score, so I can't tell you how well we did with the contest yet. Finally hauled the kite down and took the Zodiac ashore for dinner at the famed Aldo's on Block Island. Wind was very strong as we headed back across the harbor after dinner. Back aboard, we had a nitecap and looked for a WX map on my 5" TV. Hit the sack about 11. Beat! With the boat on a mooring half a mile from shore and a strong wind blowing, I slept with one ear open all night.

This morning(Sunday), we were up about 6:30. Not much wind, but LOTS of fog. We took the Zodiac in again for breakfast. No hurry, since we needed to wait for the tide anyway. Breakfast was a bit somber, as we were contemplating navigating some tricky stuff in the fog, to re-enter the river at Watch Hill. Lots of rocks! Do-able, but nervous work! As luck would have it, when we returned from breakfast the wind came up and we sailed her right off the mooring, and by the time we cleared the channel the fog was almost gone.

A fair wind again, if not quite so sunny. We got My Turn settled down on the long tack for the mainland and Butch tried a little CQ CQ with the antenna on the boat. Not much luck. Butch decided to try flying the kite while under way. Much Better! Butch and I worked several stations on 40 meters in this fashion over the next hour and a half. The kite is really marvelous! A twin engine airplane actually made a detour to get a look at the sailboat flying a kite! Then we ran out of wind. Actually, NWS hit this one right on the head about 48 hours in advance. It happened just the way it was forecast. Got the kite back and secured the radios. We dropped the headsail and left the main up, and spent the next 90 minutes motoring. The wind started to fill in again from the north east, and we got the headsail back up about 4 miles from Watch Hill light. We knew the rain wasn't gonna be far behind the wind.

The wind kept building as we ran down toward the river entrance, and Jack made the decision I was hoping for. Instead of motoring up the channel, we came hard on the wind and let her drive! The eyes of everyone near, or on, the river were on her as My Turn, with a bone in her teeth, charged into the channel. (Hey Maybelle! Look at those crazy bastards sailing up the channel!) Heeled over 30 degrees, with every line and inch of cloth bar taut, and the rig literally humming as the wind screamed through the shrouds, she made quite a sight! She sure-as-hell was quite a ride! Butch hung on for dear life (only his second time on a sailboat) while Jack drove her and I handled sails and did lookout duty for about 30 soul satisfying minutes, dodging river traffic and managing not to run her aground. Spectacular!

The scut work (in the rain), cleaning up and putting the boat back on her mooring were a back-to-the-real-world reality check. Good company, good sailing, lots of radio! What a weekend...

73, Ken

Ken Freedman
AKA: N1QQV/QRP

VE, EC Madison CT

Living Proof That, "You don't have to be a blonde to be light headed!"

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Tim Cook <timcook@erinet.com>
Subject: [359] Qrp Afield/Suggestions
Message-ID: <324701B3.5825@erinet.com>

Hi Gang,

The best laid plans sometimes (most times?) don't work out. Had planned on going out with the van and setting up by a lake on Wright Patterson AFB Ohio, but work got in the way. I did manage to operate for about a 30 minute period late in the day from the house and worked 9 stations. Conditions were not too good here in SW Ohio. Used my OHR Classic at about 3 watts to a 3 element tribander or 135' Zepp.
worked: W1NRG, W0LK, AC5AM, AE0Q/7 (20M), NA5N (20), NN9K, KF2HC, N2CQ, AND KF0N (who I seem to work in every QRP contest there is!).

I am looking to get either the OHR 400, Sierra, or possibly the Ten Tec Scout to replace the OHR Classic. Any suggestions/ideas would be appreciated, keeping in mind most operation would be either from home QTH, or in the van with power availability not an issue. My only other rig is the Icom IC-735 which I also use QRP from time to time.

Hope to have better luck next year.....

Tim
NZ8J

NE-50 ARCI-4099 GQRP-615 MIQRP-115 NORCAL-267 QRP-L 678

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [360] QRP Afield/Torreón, NM
Message-ID: <199609232133.PAA13195@zia.aoc.nrao.edu>

Gang,

It used to be, when I got back from Field Day, I'd say "Never gonna do that again." But with these QRP contests, I find myself looking at the calendar hoping there's another one next weekend. Gosh they're fun!

Tim Pettibone AB5OU and I met in Socorro and made the 1.5 hour drive to Torreón, New Mexico ... where we met up with Jay WA5WHN and the gang from Albuquerque. They had erected the station,

nice tent, 3-element beam up 25 feet or so in a nice spot in the pinon trees on the eastern flank of the Manzano Mountains.
Natural "pine sol."

Used Jay's QRP+ on 20M and my NW40 on 40M (with a dipole). After our 6-hours on the air, we continued a bit longer just for the fun of it to give out a few more contacts. Unfortunately, my contact with FM5CW was after the clock stopped (rats!). Total was 61 contacts, 28 SPC's made by (using the call NA5N):

WA5WHN	1
AB5OU	26
NA5N	24
N5ZGT	10

For contest purposes (adhering to that "6 hour thing") looks like 54 Q's x 27 SPC's = 5832 pts.

The QRP+ worked well as one would expect, but found the NW40 to be a nice contest rig as well. The variable bandwidth IF filter and the CW filter makes for some tight selectivity when you need it (which I did on a few occasions). Like to filter out AE4IC, N6GA, NN9K, NF0Z, WU7R, AA7QY, WA7FCU and a couple of others that sported a 579+ signal into NM for several hours also. Nice sigs, fellas. Oh, and AC5AM with his 950mW was well heard all day also.

DID I MENTION THE WIND? (aka Riley QRP operation).
About 6-8 stations we worked asked about the wind. That always brought a laugh. The wind was absolutely calm for us this time.

Great contest. Kudo's to the NE QRP gang. And enjoyed working all those familiar calls, even if I couldn't remember some names.

72, Paul NA5N / Tim AB5OU / Brian N5ZGT / Jay WA5WHN

PS. I have no idea how to pronounce TORREON without them R's!

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Dean Marzocca <n2tnn@ifu.net>
Subject: [373] QRP+ back on 80
Message-ID: <32473E0D.7DBB@ifu.net>

Guys,

I know you were waiting for this update so here it is.
Remember the first time the 80 meter band went dead? Advice from the

group and others was to take it apart and fix it. I did just that and soldered all the components back where they should have been. Plugged it in, hooked it up and back on 80 meters, no problem, well for about 10 minutes. Then back to no transmit. I didn't want to send it back to the factory for repair before QRP Afield so I waited. Last night was the Knightlite Net on 80 meters. Just for the fun of it I gave 80 a warm-up try and it worked. So now I figure if I want to transmit on 80 I got to throw it in the trunk, drive 60 miles, carry it around to show it off, drive home and plug it in. That seems like too much trouble so I took it apart again (aka. took the cover off). With the whiterocksingle lever paddle, the WM-1 to indicate power out, I gave it a try and forward power was there when the rca plug on the top board was slightly rotated.

Looks like a bad wire connection. The travel part was fun but I can't do it every night, UPS back to the factory could take weeks, and a simple detective work pays off.

I don't understand why it worked ok on all the other bands but 80? Now to top it off I answer a CQ from VE20BK. He gives me a 589 but high QRN. I can hear him about 569 with QRN. Bob says he cant hear my 2 watts so I changed over to the FT-890 and could not hear his signal. I ca't wait to get all the bugs out of this little box and start having more fun. QRP is great!!!!

Boy am I happy... anyone for some cw on 80???

Cul, Dean

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Peter C. Wotherspoon" <Peter.C.Wotherspoon@hydro.on.ca>
Subject: [342] QTTF
Message-ID: <Pine.SUN.3.91.960923115121.25870C-1000000@strong.Hydro.ON.CA>

I really didn't want to go the cottage that weekend!
There was the Hamfest nr Buffalo, and QTTP.

But I kept my mouth shut and went, (with a box of QRP stuff).
ZUT, I forgot he MJF-259.

So I'm at the cottage bringin in the boats etc...
and I remeber the Firetower about 30 mi. away.
I got to thinkin.
What a beautiful weekend to go to the cottage!
I finally got away about 3:30
The wx was perrrrfect.
Sunny. No wind. about 70 oF.

The lakes were mirrors of glass, (what else? mercury?)

The tower sits atop about 100+ foot hi cliff and is about 100 ft as well.

Two trips up with my NW40 (thanks Roy WM), MC bat, Vectroics Tuner, Vibroplex bug, 100 ' of wire wi a rock attached and launched into the tops of the trees...

TV table and aluminum chair.

I worked 2 testers and 2 rag chews.

All the people that climbed up the tower that day were surprised and intregued with the operation.

All very chatty from their shared accomplishment of the climb.

One of the most enjyable afernoons I've spent.

Only to bad I had to be out by 7PM for the park close.

Rats

72's

P.S. I'm thinkin bout Oct 7

Peter

VE3GYY

Whitby On Ca..

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996

From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>

Subject: [366] QTTF Oops

Message-ID: <M1068349.001.7cm90.1.960923202256Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Forget to say that I worked 40m only. States worked were

CA OR WA ID AZ CO MT NM NV.

Bob N6WG

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996

From: "Denton Bramwell" <denton@cyber-west.com>

Subject: [380] R2 wanted

Message-ID: <01BBA999.9A6632E0@cyber-west.com>

Does anyone have an R2 phasing receiver board for sale?

K7OWJ

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: amarriot@direct.ca (Albert Daniel Marriott)
Subject: [377] S&S PC1 Counter question??
Message-ID: <96Sep23.192735-0700pdt.30097-10266+46@orb.direct.ca>

I recently purchased a PC1 at a local swapmeet (\$20 Can, \$14 US). But, no manual or instructions.

questions: Does S & S have a web site?

Has anyone tried this counter with OHR 400; TT509 or TT C22? If so what DIP switch settings did you use?

Any help would be appreciated. Thanks

Dan VE7CTN
amarriot@direct.ca

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: edward.f.burke@bangate1.tek.com
Subject: [355] Sierra And KC 2
Message-ID: <vines.iE39+pUjFmA@bangate2.tek.com>

I read Doug Hendricks' description of his recent experiences with his new Sierra /KC-2 combo, and since I recently put together the same set of kits, wanted to add my own comments.

The Sierra, by itself is a wonderful design. The kit is made of first-quality components, and the manual is the best thing of its kind, in my opinion. The mechanical fit is superb, and everything works as advertised. The little rig is a gem to use.

But the Sierra/KC-2 combination is a great example of synergy; the whole is greater than the sum of its parts.

I bought my Sierra kit late last year, and it sat on the shelf. I did not have enough time to assemble it until quite recently. I was lucky enough to be able to get one of the KC-2 prototype kits that Norcal had available, and also was able to buy one of the new, pre-drilled and specially marked front panels from Wilderness Radio.

So by chance I was able to build the same combo that Doug wrote about, and it is

splendid! The keyer is the best I have ever used, and the counter works flawlessly (and you can effortlessly set up offsets for four different bands). The "S" meter is great, and the power-out meter is a bonus.

I already have six QRP rigs (OK, so I'm a fanatic) but the Sierra/KC-2 has become my instant favorite.

Congratulations to Wayne Burdick and Bob Dyer for another success!

By the way, I have no financial connection to Wilderness Radio, and I paid regular prices just like anybody else.

72's

Ed Burke, KI7KW

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [371] soldering ground rod & wire
Message-ID: <1.5.4.32.19960924012824.00679704@postoffice.worldnet.att.net>

Never having done any soldering other than for electronics, I pose the following question: how do you solder a copper sheath from RG-8 to a copper-clad ground rod? I borrowed a propane torch and tried it with some very old solid solder (i.e. no core material), but that just made a gray powdery mess. What's the scoop?

73,
mike KD0FX
Richland WA QRP-L #576

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Paul Diaguila 904/387-0911 <DIAGUILA@mail.firn.edu>
Subject: [340] stuff...
Message-ID: <D2207ZWMOH31FF*/R=FIRNVX/R=A1/U=DIAGUILA/@MHS>

After lurking for several weeks, and occasionally sending email if I could help, what happened last night forced me to post.....

While tuning across 20 m about 0100Z, 23-Sep, I heard only 2 or 3 stations. One of these was calling cq qrp, and seemed to be s9+ a bit on the meter of my old, but dependable TS-820S with a day old rotatable dipole at about

30'. (Thanks to CQ mag for the idea to build the antenna) Anyway, I answered W6QKB, Steve from Pasadena, Ca., running 3 watts on an Index Labs QRP Plus. I'm in Tallahassee, Fl., was and am very impressed. Steve and I both had a kick with it.

Getting my first license and building Knight Kits to get on the air in '63 (75 watts and a handful of crystals) and now seeing the same excitement with the qrp folk has lit a bit of a fire under me. Now to start ordering parts again. And tubing for real antenna. And wire. Damn, I've got it again.....

Thanks...

Paul
KF4FCN

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: rsglines <rsglines@tiac.net>
Subject: [345] Trade:QRP Journals
Message-ID: <3246F3E9.37F0@tiac.net>

Hello, is anyone interested in some back issues of a few different QRP clubs journals? I have the following:

NorCal-QRPp: June93, Sept93, Dec93, Mar94, June94 and Sept94.
(The very first 6 volumes!!!)

G-QRP-SPRAT: Summer91, Autumn93, Winter93, Spring94, Summer94, Autumn94
Winter94, and Spring95.

ACRI-QRP: Oct91, Jan94, Jul94, Apr94, Oct94, and Jan95.

EA-QRP: Dec93

Interesting trades concidered.
73 de, Rich/WQ1T - wq1t@juno.com - rsglines@tiac.net

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: [339] W1AW code test, code practice sked
Message-ID: <1996Sep23.115312-0400@[130.113.234.7]>

Gang,
Thanks to Chuck for posting the date & time of

the last ARRL code proficiency run by W1AW.
The next one is Sept. 28, 23:00 Zulu. (Saturday, I guess).
...Posting this early, for the digesters.
Might as well include W1AW sked, so you can bone up before
the test:

W1AW code practice CW

time(EST) Mon. Tues. Wed. Thurs. Fri. Sat. Sun.

9:00 AM ---- fast slow fast slow --- ---
4:00 PM fast slow fast slow fast slow slow
7:00 PM slow fast slow fast slow fast fast
10:00 PM fast slow fast slow fast slow slow

Slow: 5 - 7.5 - 10 - 13 - 15 WPM

fast: 35 - 25 - 20 - 15 - 13 - 10 WPM

Frequencies (Mhz.):

1.818 - 3.5815 - 7.0475 - 14.0475 - 18.0975 - 21.0675

28.0675 - 147.555

Glen, VE3DNL

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996

From: JEVERHART@cayman.vf.mmc.com

Subject: [346] WalMart MVP Power Pack

Message-ID: <960923133509.2020b1de@carib.vf.mmc.com>

Gang,

I held out as long as I could, but finally broke down and bought one this weekend. Fortunately James, KA5DVS located wome wallwarts at a recent hamfest that were rated to deliver 1A at 12VDC. The warts were 2/\$5. And best of all, their output voltage rises with lighter loads. 9 hours of charging yesterday on my MVP gave me a green charge light an an unloaded battery voltage of about 13 V. Looks promising.

I opened mine up briefly to look inside - doesn't everyone? Lacking time. I did not draw out the schematic. Has anyone else gone to the trouble? If not, I will do so eventually, but shudder at the thought because it took me three tries and one broken wire to get it back together again. Talk about fumble-fingered klutzes!

So, who's got the skimmy-scratch?

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Mike Duke <gmduke@oscar.TECLink.Net>
Subject: [368] WB5ADC BACK ON THE AIR
Message-ID: <Pine.SOL.3.91.960923192112.7177G-100000@oscar.teclink.net>

The week before our southern ice storm in February, my invisible end fed zepp came down. Since it was invisible, I had to build a new one.

Anyway, I am now on the air with my good old FT-7 and 10 watts on 80 - 10 meters, or a modified HW-8 with about 3 watts on 30 meters.

I work mostly 40 and 30 cw from my qrp apartment location in Jackson Mississippi.

I hope to be able to announce a call change soon.
73, Mike, WB5ADC

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [379] Well Done W4RNL
Message-ID: <199609240310.UAA08025@sierra.psnw.com>

Congratulations to L.B. Cebik, W4RNL, on a wonderful article on page 41 of the October issue of QST. This is exactly what I need to add to my shack. It's always good to see "one of our own" in print.

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Mike J Pulley <Mike_J_Pulley@ccm.ch.intel.com>
Subject: [353] When is "7040" not a frequency? (long)

Answer: When it's a QRP Afield score. Our final score this year is

7040 points. We didn't do that on purpose... honest! I bet we'll be audited. :-)

The Arizona Canvas Slappers converged once again on the Christopher Creek campground in northern AZ near Payson. Unfortunately, lighthouses are scarce in landlocked desert AZ and fire towers live up in the higher (read "way too cold") mountains, so we settled for campfires beside a babbling brook. Flickering light by the water, you know. That's in the spirit of a lighthouse, isn't it?

The Arizona Canvas Slappers are (is?) a loose collection of Phoenix desert rats who equally enjoy QRP radio, camping among the cool pines, kibitzing, and the ever popular eating. The folks on hand were Rocky Evans (KG7VG), Larry Gass (KG7WS), Debbie Pulley (WB4UTS), Elizabeth Pulley (KC7IPU), and Mike Pulley (WB4ZKA) plus wives and kiddos.

We caravanned up Friday after work. Saturday morning we surveyed trees for the antenna and started launching lines with the trusty wrist rocket and casting reel. Not to say we're awkward or inefficient, but we spent over 3 hours stringing up one lousy dipole. Ponderosa pines aren't the most obliging trees for antennas sometimes. The campground host enjoyed our "Keystone Cops" entertainment. He offered us stamps and envelopes to get our messages out faster. Wise guy. :-)

At 11am MST we put WB4ZKA on the air. Right away we started on our Worked All Celebrities endorsement. We worked...

Chuck Adams, K5FO

Russ Carpenter, AA7QU

The Meriden, CT ARC, W1NRG (last year's QRP Afield winners!)

Marshall Emm, AA0XI

Monte Stark, KU7Y

Bob Follett, WA7FCU

Jim Duffey, KK6MC

Paul Harden, NA5N

The best exchange was with Mark, K6CQO (not a QRP celebrity). He wasn't in the contest, but graciously handed out points to those of us who were. When I asked his transmit power, he said, "O-N-E O-N-E KILOWATT"!

I told him he could reduce power a lot since I was only running 0.95W and still earning 599 from him. Mark said, "ONE WATT IS KIND OF HARD TO BELIEVE". Believe it, Mark.

LESSONS LEARNED -

1. Use separate batteries to keep the keyer microprocessor RFI out of the radios. The racket was terrible. Probably judicious decoupling would help, too.

2. An antenna up among the tree limbs still works fine. We tried

vainly to get it into the clear, but ran with what we could get.

3. Don't launch weights over anything you wouldn't mind hitting. Ask Rocky how he got that pretty, new dent in his car hood. <Oops!> <:-}

4. A speaker works better than headphones with multiple operators. The NE-40/40 used the Radio Shack amplified speaker this time and it sounded very nice.

Our station equipment included...

- NE-40/40 at 0.95W with external amplified speaker

- MFJ-9020 at 0.95W

- MFJ-971 QRP tuner

- Palomar PK-50 memory keyer

- Bencher paddles

- Carolina Windom (40m version)

- 3 Ah gel cell

- 8 AA alkaline cells for keyer (to reduce RFI coupling)

18 QSOs on 20m, 26 QSOs on 40m, 20 SPCs, low power, field location = 7040 points. Chet, paperwork's coming by snail mail. Let the audit begin!

Next year we're shooting for 14060 points! :-)

Regards,

-- Mike Pulley, WB4ZKA

Phoenix, Arizona USA

Mike_J_Pulley@ccm.hf.intel.com

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996

From: "Ted Kell" <tkell@nyx.net>

Subject: [358] Where to get JUNO

Message-ID: <9609232106.AA17686@nyx.net>

Last week I asked for help obtaining a copy of the JUNO disk. Through the efforts of several kind souls I have the software now. I uploaded it to the QRP-L ftp site and Jim, the keeper of the site has placed it in

<ftp://ftp.lehigh.edu/pub/listserv/qrp-l/tools/juno.zip>

whence you may get it at your lesure. If you wait for JUNO to send you one, I think you may have a _long_ wait.

Thank you very much to those that helped and offered to help.

Ted

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [365] WINTER QRP-AFIELD
Message-ID: <199609232315.TAA46868@nss2.CC.Lehigh.EDU>

Hello Gang,

It's time to strike while the iron is hot for more qrp afield activity.

A while back we had a thread going on a winter qrp afield contest/event to keep the qrp-afield juices flowing. It doesn't have to be a contest, but an out door event of some kind would be fun.

I do here by promise to send in my second check for ARCI, the first one got lost somewhere. How about it folks, any ARCI 's interested. How about some frozen lake to lake contacts?

de AA1IK N.E.-QRP-C. # 202 (Lead by example, It is better to)
 QRP-L member #95. (pull a string than it is to push it.)

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Philip Karras <ke3fl@access.digex.net>
Subject: [336] RE: Antenna Analyzer Questions
Message-ID: <Pine.SUN.3.94.960923105343.14193B-1000000@access1.digex.net>

Joe, it doesn't matter much which analyzer you buy. The AUTEK tells it more like it is (i.e. no reading below 1.2:1 means much on these things)- but the MFJ goes from 1.6 MHz up to 170 MHz, so in one box you have continuous coverage from 160 meters to a bit beyond 2 meters with no gaps. Also, your concern with "tweaking" to find the lowest SWR is ludicrous since it takes about 0.5 seconds to do it by hand with the MFJ. I've used the MFJ on the bench, in the field, as a sig generator, freq counter and to measure capacitance and inductance (tho' there are better ways to do this & it seems very limited in this regard.) Otherwise Joe, N2CX compared the two much better than I can except that I've had my MFJ for more than two years with no problems (I did put a Plexiglas window over the LCD display since replacing this alone is half the cost of the box!)

Of more concern to me was your question about where was the best place to measure the SWR, at the rig end of the coax or at the antenna base. This shows a bit of a misunderstanding of SWR and what it's all about. There is NO SWR at the base of an antenna. By definition the SWR is the standing wave ratio ON THE FEED LINE due to the impedance mismatch between the feed line and the antenna. (NIT-PICKERS ALERT: if you really want to get into the standing wave on the antenna -which is not SWR- do so on your own time please!)

These analyzers measure this SWR in relation to an impedance of 50 ohms (except where noted). Because the rigs of today are designed to put full power into a 50 ohm impedance.

How many antennas do you make that have a 50-ohm impedance? It can be done with 1/4-wave verticals and perhaps J-poles? All other antennas are designed for best radiation and pattern. Their impedances are what they are, I don't remember any others at 50 ohms, does anyone else? So, measure the impedance at the feed point, not the SWR and on top of that measure it to be the impedance for that antenna design NOT 50 ohms, unless the antenna is designed for 50 ohms.

You do NOT want to change an antenna to match an SWR of 1:1 for 50 ohm coax at the feed point with one of these analyzers unless you know for a fact that the antenna impedance at this point is supposed to be 50 ohms! Otherwise you'll just end up messing up the original design. Now, if you're willing to experiment then make the antenna both ways and let us know which is better. I for one would be interested in knowing. Knowing a little about reflections and feed line loss I would guess that as long as the feed line loss is very low, as in ladder-line, you will eventually get all your energy out, however your radiation pattern might be considerably different than for the original design due to your having changed the antenna

dimensions to make it a 50 ohm impedance, at your frequency of concern. Do you also have a method for checking the radiation pattern? I don't but sure would like to know how it changes with dimensional changes in an antenna. Do some of the new antenna design software tell these kinds of things?

So, to answer your question, measure at the rig end with the exact setup you're going to use. If you change the antenna to match a 50 ohm impedance, remember that you're doing so in order to satisfy the present design requirements of the rig and doing so changes the radiation pattern of the antenna. Even a dipole has a design impedance of around 73 ohms NOT 50! There are reasons for doing this, like not wanting to take an ATU when you travel.

good-luck
72 & 73 de KE3FL/Phil
:-)

Remember the SWR is the ratio of the forward energy going to the antenna and the reflected energy coming back from the antenna feed-point due to an impedance mis-match between the feed line and the antennas design impedance.

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Claton Cadmus" <aplitech@spacestar.com>
Subject: [327] Re: Braided Ant wire?
Message-ID: <199609231317.IAA28761@Spacestar.Net>

Tim writes,

> Gang,,
>
> Time to dip into the "Well of Knowledge" again. I am getting ready
(finally) to
> set up my QRP station. I will be using a MFJ 9020 / 9040 with MFJ ant
tuner. I
> have a Military type Di-Pole that uses a braided antenna wire with a
plastic
> coating. It worked well in Special Forces with 75 watts output. My
question
> is: How well will this work with QRP?? Or should I just trash it and
purchase
> "real" ant wire?

If the wire is still in good condition it will work just fine for QRP.
What kind of feedline does it use? How long is the feedline?

Hope this Helps.

Claton Cadmus |73 de KA0GKC
Application Technologies Inc. |ARRL, QRP-ARCI, NorCal
Ph. (612)926-8886 |ARCC, MNQRP&HB Society
Fax (612)926-8545 |ka0gkc@ka0gkc.ampr.org
E-mail cla@spacestar.com |ka0gkc@wb0gdb.#stp.mn.us

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Kevin Muenzler <wb5rue@amsat.org>
Subject: [330] RE: Braided Ant wire?
Message-ID: <01I9T94U1BAMAINXS1@ARWEN.UTHSCSA.EDU>

On Monday, September 23, 1996 3:31 AM,
TimMcFadden[SMTP:101346.3062@CompuServe.COM] wrote:

>Gang,,

>

>Time to dip into the "Well of Knowledge" again. I am getting ready (finally) to
>set up my QRP station. I will be using a MFJ 9020 / 9040 with MFJ ant tuner. I
>have a Military type Di-Pole that uses a braided antenna wire with a plastic
>coating. It worked well in Special Forces with 75 watts output. My question
>is: How well will this work with QRP?? Or should I just trash it and purchase
>"real" ant wire?

>

>Many tnx in advance.

>

>72/73

>

>Tim DA2TF / KB2RLB "De Oppresso Liber"

>

It should work just fine. I'm assuming the copper is braided and then a plastic
insulation is placed around the entire thing. The advantage to braiding the wire
is that it is very flexible Disadvantage is that it stretches easily. It should
work
just fine with your QRP rig.

Kevin, WB5RUE

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996

From: Mike Duke <gmduke@oscar.TECLink.Net>
Subject: [370] Re: Braided Ant wire?
Message-ID: <Pine.SOL.3.91.960923194909.7177N-100000@oscar.teclink.net>

Why throw away anything that works? For my invisible apartment antenna, i am using the #26 stranded wire sold by RadioWorks and the Wire Man. My first 80 meter end fed zepp made of this wire stayed in the air about 14 months before a tornado made it really invisible just before an ice storm would have probably took almost anything resembling an antenna.

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: jbenett@ebmud.com
Subject: [356] RE: Getting Good RF Conn.....(long)
Message-ID: <9609232042.AA05156@phantasm>

Luke Enriquez <ecsclfe@lux.latrobe.edu.au> wrote:

...snip

The only problem with mounting the vertical on the roof would be the difficulty to mount it in the center. Then again, the roof may not be a large enough ground plane for the antenna (although I've heard of people using rotary clothes lines for a ground plane). What are peoples thoughts on this one?

.....END OF FORWARDED MESSAGE.....

Luke:

I've been using vertical antennas on 40 and 80 for close to 20 years, and until recently have mounted them close to ground level, with and without radials. My Hustler 5BTV's instructions say that for best results, mount on the roof, with radials. I wanted to give this a shot when I bought the current QTH, back in 1993. However, like you mention, placing it in the center of the roof without drilling holes was a problem.

I resolved the problem with 2 bags of redi-mix cement, a few 2"x4"x2' boards, a 2'x2' piece of plywood, some angle iron, and a threaded pipe "nipple". The plywood and 2x4s were used to make a form to pour the cement into. What I created was two pieces of concrete, each approximately 2'x2'x2". Prior to pouring the cement into the form, I placed two 16" pieces of the angle iron into the form, protruding at

about a 45 degree angle. You can use another peice of wood or whatever to keep the angle iron from falling over until the cement dries.

After the cement has dried completely (I waited two weeks), drag them up on the roof. You can use that two week drying period to do some weight training (Hi). Anyway, I placed each of the cement slabs on opposing sides of the roof, very near the peak, in the middle, with the angle iron pieces facing each other, about a foot or so apart. I then bolted a pair of 2x4s together and, placing them horizontally, bolted them to each end of the angle iron. You could use a single 2x4, or a 4x4, but a pair of 2x4s is structurally more sound.

At the center of this horizontal 2x4 assembly (this should be the peak of the roof) I bolted the threaded pipe nipple. Into this I twisted a matching threaded piece of steel mast, about 3 feet long. The Hustler 5BTV mounts on this mast.

Using this arrangement I was able to mount my vertical in the physical center of the roof without drilling any holes. Having it in the middle makes it much easier for me to run my radials; I've got 22 of them - five each for 10 - 40, and two on 80.

Because I have the model with the gigantic 80 meter high power trap on it, I do use guy ropes on the vertical. However, they are only to keep the vertical from bending in half during heavy winds. With 120+ pounds of concrete as a base, I don't expect this antenna is going to blow over too easily!

Hope this long winded note gives you or others some ideas on roof mounting verticals...

Jim Bennett / N6PDX (jbennett@ebmud.com)
Supervising Systems Programmer
East Bay Municipal Utility District
Oakland, California
voice: 510.287.0224 / fax: 510.287.0373

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: bob.roach@sourcebbs.com (BOB ROACH)
Subject: [351] Re: How do you send an @ in C
Message-ID: <8C8E31F.0001043E3B.uuout@sourcebbs.com>

DR>-Hi guys.... with email now very prevalent every where I was trying to work

>-out how to send the @ symbol in CW - is there a code for it... or do I have
>-to resort to sending 'AT'.

Hi David,

What is the problem with "resorting" to "at". The difficulties in creating a new code character would be great. On the other hand anyone you would be sending an address to would know what the "at" meant. Also there are no short combinations left so any new character would certainly be longer than . _ _

73 de KE4QOK
Bob

* SLMR 2.1a * Power is no substitute for skill. QRPpppppppppppppppppppp

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "LSCHAUMB" <lschaumb@dscc.dk>
Subject: [328] Re: How do you send an @ in CW?
Message-ID: <9608238434.AA843488165@smtplink.dscc.dk>

>Hi guys.... with email now very prevalent every where I was trying to work
>out how to send the @ symbol in CW - is there a code for it... or do I have
>to resort to sending 'AT'.

Why not - two short letters forming an intelligible word.
No need to make up new code for that.

Vy 73 de Lars, 0Z1CJX

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Kevin Bunin <p014455b@pbfreenet.seflin.lib.fl.us>
Subject: [338] Re: How do you send an @ in CW?
Message-ID: <Pine.3.89.9609231149.A3169-0100000@pbfreenet.seflin.lib.fl.us>

Good question. You send the word "at" i.e.

wv5z at jun0 dot com

that is how I hear it and send it on cw including traffic nets.

73 de KB WV5Z

Kevin Bunin
p014455b@pbfreenet.seflin.lib.fl.us

On Mon, 23 Sep 1996, David Reid wrote:

> Hi guys.... with email now very prevalent every where I was trying to work
> out how to send the @ symbol in CW - is there a code for it... or do I have
> to resort to sending 'AT'.
>
> Been playing with the idea that we might be able to add a new code to
> the existing code - a special one for an @ symbol... I know this might be
> quite a difficultly thing to get acknowledged world-wide - but it is a world
> problem which could do with a solution... any thoughts on the matter...
>
>
> 72/73 de Dave PA/G0BZF
> GQRP 3677
> RSGB 15 years
>
> www <http://ourworld.compuserve.com/homepages/drcp/homepage.htm>
> email David.Reid@asml.nl
> Cserve 101454,3715
>
> (at least it's radio related!!)
>
> QRPers do it way down low in the noise.
>

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [343] Re: How do you send an @ in CW?
Message-ID: <199609231620.LAA19428@multi2.pic.net>

My suggestion for a new CW symbol for the @ sign:

dit dah (space) dah

Mike K1MG

> >Hi guys.... with email now very prevalent every where I was trying to
work

> >out how to send the @ symbol in CW - is there a code for it... or do I
have
> >to resort to sending 'AT'.
>

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: lbbarley@feist.com (Bruce Barley)
Subject: [348] Re: How do you send an @ in CW?
Message-ID: <199609231809.NAA18552@wichita.fn.net>

>Hi guys.... with email now very prevalent every where I was trying to work
>out how to send the @ symbol in CW - is there a code for it... or do I have
>to resort to sending 'AT'.
{--- SNIP ---}

Hello, David -

In terms of efficiency and information density, the two letter word "AT" in English, is almost ideal. To communicate an entire word, I believe only "A" and "IT" are more efficient or dense with information content.

To communicate an entire word with a single letter (A), and even that is composed of merely a dot and a dash. I'm certainly not a communications theorist, but how much better can you get? Even the Spanish word for "AND" - "y" - is composed of four elements, dah di dah dah. "IT" has three elements and "AT" also has three, but here with only one dit and two dah's. So for common English text usage, I guess "AT" would finish 3rd in overall efficiency. Yes, I know. There is also a space in every two letter word. That also counts as an element, I guess.

So, for now, anyway I'll stick to "AT". One less seldom used character to contend with.

Best wishes.

Bruce Barley KB0PZD ex:WD0HRQ
lbbarley@feist.com qrp-1 #69

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: John Fletcher <johnf@innotts.co.uk>
Subject: [361] Re: How do you send an @ in CW?
Message-ID: <199609232201.XAA23140@carlton.innotts.co.uk>

Hello All across the Pond.

What I would like to know is, how did the @ symbol come to be used for "at the location of...?" when @ means "at the rate of..." as in "twelve @ \$5 = \$60". Surely "AT" is more correct than "@".

Thanks to all who gave me advice on kites and aeralis, especially for the warnings about static electricity, and the enormous forces needed to pull a catenary anywhere near straight. Might try a third kite to hold up the feeder, if ever I can afford three kites.

72 de John G4EDX G-QRP 2038

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "Bruce C. Williams" <n9jcv@wwa.com>
Subject: [323] RE: HW-8 For Sale
Message-ID: <Pine.BSD.3.92.960923060327.4671B-100000@shoga.wwa.com>

The HW-8 has been sold. For all who replied, I will keep your names in case the prospective buyer does not follow thru.

Thanks for your interest
Bruce N9JCV

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: "LSCHAUMB" <lschaumb@dsc.dk>
Subject: [329] Re: Impedance Bubbles
Message-ID: <9608238434.AA843489072@smtplink.dsc.dk>

The impedance transformation caused by the RCA plug is negligible since it's length is only 1/2-1 cm compared to a wavelength of say 40m.

OBTW: A danish manufacturer of cellular phones has been using RCA plugs for interconnections at 470 MHZ / 15Watt level !

Besides, the PL259/S0259 has NO defined impedance !
(Some people say that UHF means Unsuitable for High Frequency).

Vy 73 de Lars, OZ1CJX

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: rhight@primenet.com (Roger Hightower)
Subject: [375] Re: NE QRP AFIELD
Message-ID: <199609240212.TAA29571@primenet.com>

At 07:44 PM 9/23/96 -0700, Bob Edwards wrote:

>Did contact; NA5N, AE0QY/7, NI0A, W1NRG on 20 meters. Then; NN9K, AE4IC,
>WA4DOU, K4JM, AC5AM, W1NRG, K3WWP, KJ5MG, NS80, K8DSS, AE4JA, and KA5DGS
>on 40 meters. 16 contacts in 12 states. Had a great lake-side location
>scouted ahead of time, but WX just wasn't good enough to go there.
>

Sri OM, but AE0QY hasn't been issued yet.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [334] Re: QRP Afield
Message-ID: <960923105035.2020b1de@carib.vf.mmc.com>

Bob,

Great to work you on Saturday. You were one of the consistently strong stations up here in NJ. The W3EDP antenna did a great job. Might just ahve to put in in my bag of tricks to try out.

Maybe we ought to take a poll of the antennas used to see how well various kinds work out for portable operation.

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: rheiss@tuba.aix.calpoly.edu
Subject: [357] Re: QRP Afield

Message-ID: <9609232058.AA56861@tuba.aix.calpoly.edu>

The late afternoon hike up Cerro Alto (1500 feet vertical gain) took just over an hour. Near the top, the warm dry heat was relieved by a breeze from the coast. The towers as well as the ocean were hidden beneath low clouds but Morro Rock poked through in clear view. My full size dipole was strung across a saddle point in the ridge, up 15 feet in the middle. With one hour left in the event, I got on 40 meters and managed to work five of the crowd using my trusty HW-8. I packed and hiked down before dark and felt that was a very enjoyable way to play radio.

73, Rob K06KA
rheiss@calpoly.edu

From owner-qrp-l@Lehigh.EDU Mon Sep 23 23:12:27 1996
From: Joe Gervais <vole@primenet.com>
Subject: [378] Re: WINTER QRP-AFIELD
Message-ID: <199609240232.TAA05223@primenet.com>

Howdy Folks,

Ernie (AA1IK) wrote:

>

> A while back we had a thread going on a winter qrp afield contest/event
> to keep the qrp-afield juices flowing. It doesn't have to be a contest,
> but an out door event of some kind would be fun.

For those interested, we AZ ScQRPions have finalized our gameplan for the FYBO Winter QRP Field Day. Managed to get word this weekend from the CQC crew to make sure we weren't going to interfere with them, and all's well.

So, mark your calendars for Feb 22nd, 1997. We'll have a random drawing from submitted logs. The prize? The new Ten-Tec QRP kit, band of your choice. Some fellow ScQRPions offered to help "pony up" the \$\$\$ needed to offer this booty, so my overtime pay won't have to cover it all. *whew* :-)

Formal rules/times/etc in a day or two. I'm fighting a crushing deadline for Wednesday, and my emergency supply of Jolt Cola is running thin. Grim. Very grim.

Thanks to all who offered info on the antenna analyzers!
As soon as I get a chance to breathe, I'll send out a

summary/thank you.

Time to dive back into the Jaws of Perilous Design. Put
in over 60 hours last week before the sun rose on Friday.
Not looking forward to whether I'll beat that this week....

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPion #7

"It's a dog-eat-dog world, and I'm wearing Milkbone underwear."